

**METHOD, APPARATUS AND SYSTEM FOR IMPROVED
INTER-DOMAIN ROUTING CONVERGENCE**

ABSTRACT OF THE DISCLOSURE

5 A method and apparatus for improved inter-domain routing convergence,
include transmitting reason information associated with a route update or
withdraw. An apparatus receiving the reason information associated with the
update or withdraw uses the reason information to determine which of its
candidate routes are also affected by substantially the same event that
10 triggered the initial route update or withdraw and which of its candidate routes
are not affected. For example, a candidate route may be considered to be
transient if the apparatus receiving the reason information determines from the
received reason information that a candidate route is going to be updated or
withdrawn in the near future due. A candidate route considered as a transient
15 route is avoided being advertised as a preferred route.